



San Joaquin Valley

AIR POLLUTION CONTROL DISTRICT



JAN 19 2016

Wendy Garcia
PPG Industries
3333 S Peach Ave
Fresno, CA 93725

**Re: Notice of Final Action - Minor Title V Permit Modification
District Facility # C-948
Project # C-1152042**

Dear Ms. Garcia:

The Air Pollution Control Officer has modified the Title V permit for PPG Industries by incorporating Authorities to Construct C-948-6-7, '-8-5 and '-10-7. The facility has proposed to replace the AGET dust collector and bin vent filtration system from permit unit C-948-8 with two new dust collectors, remove the existing Pangborn Corporation DC-2 dust collector (which serves permits C-948-6, '-8, and '-10) from serving permit unit C-948-8, and to lower the throughput of permit unit C-948-10 from 1,500 tons/day to 1,180 tons/day.

Enclosed is the modified Title V permit. The application and proposal were sent to US EPA Region IX on October 29, 2015. No comments were received following the District's preliminary decision on this project.

Thank you for your cooperation in this matter. If you have any questions, please contact Mr. Errol Villegas, Permit Services Manager, at (559) 230-5900.

Sincerely,

for Arnaud Marjollet
Director of Permit Services

AM:GB

Enclosures

cc: Gerardo C. Rios, EPA (w/enclosure) via email

Sayed Sadredin
Executive Director/Air Pollution Control Officer

Northern Region
4800 Enterprise Way
Modesto, CA 95356-8718
Tel: (209) 557-6400 FAX: (209) 557-6475

Central Region (Main Office)
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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-948-6-8

EXPIRATION DATE: 02/29/2016

EQUIPMENT DESCRIPTION:

TRAIN SHED UNLOADING OPERATION WITH 7 UNDERGROUND RECEIVING PITS, 7 SHAKER CONVEYORS, 7 BUCKET ELEVATORS, AND STORAGE SILOS #3 AND #5 (TOTAL OF 1,034,000 GAL); ALL SERVED BY PANGBORN CORPORATION DC-2 FABRIC COLLECTOR (SN #63-CH3-6664) SHARED WITH PERMIT UNIT '-10, OR PANGBORN CORPORATION DC-6 FABRIC COLLECTOR (SN 63-CH3-6671) UNDER PERMIT UNIT '-10

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Visible emissions from the dust collector shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
3. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
4. Material removed from dust collectors shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The dust collectors cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
6. Replacement filters numbering at least 10% of the total number of filters in the dust collector shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The dust collector shall be equipped with a pressure differential gauge to indicate the pressure drop across the filters. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The Pangborn Corporation DC-2 dust collector shall operate at all times with a minimum differential pressure of 4 inches water column and a maximum differential pressure of 10 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
9. Differential operating pressure shall be monitored and recorded on each day that the dust collectors operate. [District Rule 2201] Federally Enforceable Through Title V Permit
10. Emissions shall be controlled by dust collector DC-2 (Pangborn Model #67-CH3) or dust collector DC-6 (Pangborn Model #63-CH3) whenever material receiving operations are conducted. [District Rule 2201] Federally Enforceable Through Title V Permit
11. The amount of dry material received from the underground pits into the storage silos shall not exceed 10,080 tons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Maximum daily amount of cullet received in the silos shall not exceed 1,728 tons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
13. PM10 emissions from the receiving of materials through the underground pits into the storage silos shall not exceed 0.0003 lb/ton of material transferred. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
These terms and conditions are part of the Facility-wide Permit to Operate.

14. PM10 emissions from the silo transfer shall not exceed 0.00025 lb/ton of material transferred. [District Rule 2201] Federally Enforceable Through Title V Permit
15. Dust collector filters shall be inspected annually while in operation for evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520] Federally Enforceable Through Title V Permit
16. Dust collector filters shall be inspected annually while not in operation for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. [District Rule 2520] Federally Enforceable Through Title V Permit
17. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520] Federally Enforceable Through Title V Permit
18. Visible emissions shall be inspected monthly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions prior to further loading. Corrective action shall eliminate visible emissions before next loading event. The results of inspection shall be kept in a record and shall be made available to the District upon request. [District Rule 2520] Federally Enforceable Through Title V Permit
19. Permittee shall maintain daily records of the quantity of the material received in the silos & through underground receiving pits and shall make such records available for District inspection upon request. [District Rules 2201 and 2520] Federally Enforceable Through Title V Permit
20. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201, Fresno County Rule 404, District Rule 4202 and Fresno County Rule 405. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-948-8-6

EXPIRATION DATE: 02/29/2016

EQUIPMENT DESCRIPTION:

517 KGAL SODA ASH STORAGE SILO #6, 38' D X 61'9" H, SERVED BY A DONALDSON TORIT MODEL CPC-8 DUST COLLECTOR AND A DONALDSON TORIT MODEL CPV-3 DUST COLLECTOR

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
3. Material removed from dust collectors shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
4. The dust collectors cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
5. The dust collectors shall be equipped with a pressure differential gauge to indicate the pressure drop across the filters. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The Donaldson Torit model CPC-8 dust collector shall operate at all times with a minimum differential pressure of 3 inches water column and a maximum differential pressure of 6 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
7. The Donaldson Torit model CPV-3 dust collector shall operate at all times with a minimum differential pressure of 0 inches water column and a maximum differential pressure of 6 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
8. Differential operating pressure shall be monitored and recorded on each day that the dust collectors operate. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The Donaldson Torit CPC-8 dust collector air flow rate shall not exceed 4,400 scfm. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The Donaldson Torit CPV-3 dust collector air flow rate shall not exceed 1,200 scfm. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Controlled PM10 emissions from Donaldson Torit CPC-8 and Donaldson Torit CPV-3 dust collectors shall not exceed 0.001 gr/scf. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Permittee shall perform a complete vent filter inspection on an annual basis. Dust collector filters shall be inspected thoroughly for tears, scuffs, abrasions, holes, or any evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520] Federally Enforceable Through Title V Permit
13. Visible emissions shall be inspected annually during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions prior to further loading. Corrective action shall eliminate visible emissions before next loading event. The results of inspection shall be kept in a record and shall be made available to the District upon request. [District Rule 2520] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

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14. Permittee shall maintain daily records of material throughput and shall make such records available for District inspection upon request. [District Rules 2201 and 2520] Federally Enforceable Through Title V Permit
15. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201, Fresno County Rule 404, District Rule 4202 and Fresno County Rule 405. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: C-948-10-8

EXPIRATION DATE: 02/29/2016

EQUIPMENT DESCRIPTION:

SILO UNLOADING AND MIXING OPERATION INCLUDING BATCH GATHERING BELT, BATCH ELEVATOR AND TOTALIZING SCALE SERVED BY PANGBORN CORP DC-6 FABRIC COLLECTOR (SN 63-CH3-6671) SHARED WITH PERMIT UNIT '6 OR DC-2 FABRIC COLLECTOR (SN 67 CH3-6664) UNDER PERMIT UNIT '6; AND GLASS MASTER TURBIN MODEL 12000 MIXER SERVED BY A TORIT DOWN FLO-II MODEL #DFT-2-4 BAGHOUSE

PERMIT UNIT REQUIREMENTS

1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
2. Visible emissions from the dust collectors shall not equal or exceed 5% opacity for a period or periods aggregating more than three minutes in any one hour. [District Rule 2201] Federally Enforceable Through Title V Permit
3. The dust collectors shall be maintained and operated according to manufacturer's specifications. [District Rule 2201] Federally Enforceable Through Title V Permit
4. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
5. Material removed from dust collectors shall be disposed of in a manner preventing entrainment into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
6. The dust collectors cleaning frequency and duration shall be adjusted to optimize the control efficiency. [District Rule 2201] Federally Enforceable Through Title V Permit
7. Replacement bags numbering at least 10% of the total number of bags in the baghouse shall be maintained on the premises. [District Rule 2201] Federally Enforceable Through Title V Permit
8. The dust collectors shall be equipped with a pressure differential gauge to indicate the pressure drop across the filters. The gauge shall be maintained in good working condition at all times and shall be located in an easily accessible location. [District Rule 2201] Federally Enforceable Through Title V Permit
9. The Pangborn Corporation DC-6 dust collector shall operate at all times with a minimum differential pressure of 3 inches water column and a maximum differential pressure of 9 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
10. The Torit Down Flo-II model #DFT-2-4 baghouse shall operate at all times with a minimum differential pressure of 3 inches water column and a maximum differential pressure of 6 inches water column. [District Rule 2201] Federally Enforceable Through Title V Permit
11. Differential operating pressure shall be monitored and recorded on each day that the dust collectors operate. [District Rule 2201] Federally Enforceable Through Title V Permit
12. Emissions shall be controlled by a dust collector: either DC-6 (Pangborn Model #63-CH3) or DC-2 (Pangborn Model #67-CH3). [District Rule 2201] Federally Enforceable Through Title V Permit
13. PM10 emissions from the transfer of materials from the storage silos to the mixer shall not exceed 0.00025 lb/ton of material throughput. [District Rule 2201] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE
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14. PM10 emissions from mixing and weighing shall not exceed 0.006 pound per ton of material throughput. [District Rule 2201] Federally Enforceable Through Title V Permit
15. PM10 emissions from the mixer loadout shall not exceed 0.0014 pound per ton of material throughput. [District Rule 2201] Federally Enforceable Through Title V Permit
16. Maximum throughput shall not exceed 1,180 tons per day. [District Rule 2201] Federally Enforceable Through Title V Permit
17. Dust collector filters shall be inspected annually while in operation for evidence of particulate matter leaks and shall be replaced as needed. [District Rule 2520] Federally Enforceable Through Title V Permit
18. Dust collector filters shall be inspected annually while not in operation for tears, scuffs, abrasions or holes which might interfere with the PM collection efficiency and shall be replaced as needed. [District Rule 2520] Federally Enforceable Through Title V Permit
19. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520] Federally Enforceable Through Title V Permit
20. Visible emissions from the dust collector shall be checked monthly, while in operation. If visible emissions are observed, corrective action shall be taken eliminate visible emissions. Corrective action shall eliminate visible emissions within 24 hours. [District Rule 2520] Federally Enforceable Through Title V Permit
21. Permittee shall maintain daily records of the material throughput and such records shall be made available for District inspection upon request. [District Rules 2201 and 2520] Federally Enforceable Through Title V Permit
22. Compliance with the conditions in the permit requirements for this unit shall be deemed compliance with District Rule 4201, Fresno County Rule 404, District Rule 4202 and Fresno County Rule 405. A permit shield is granted from these requirements. [District Rule 2520] Federally Enforceable Through Title V Permit

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